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Indian Standard

SPECIFICATION FOR TOWEL, OPERATING

UDC 645·486·2 : 615·479

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INDIAN STANDARDS INSTITUTION
MANAK BHAVAN, 9 BAHADUR SHAH ZAFAR MARG
NEW DELHI 110002

Gr 2

December 1984

AMENDMENT NO. 1 APRIL 1990
TO
IS 11046 : 1984 SPECIFICATION FOR TOWEL, OPERATING

[*Page* 3, *clause* **5.1**(c)] — Substitute 'Size (106 cm × 90 cm); and' *for* 'Size; and'.

(TDC 44)

Printed at New India Printing Press, Khurja, India

Indian Standard

SPECIFICATION FOR TOWEL, OPERATING

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(*Continued on page* 2)

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Indian Standard

SPECIFICATION FOR TOWEL, OPERATING

0. FOREWORD

0.1 This Indian Standard was adopted by the Indian Standards Institution on 15 March 1984, after the draft finalized by the Made-up Textile Items Sectional Committee had been approved by the Textile Division Council.

0.2 The towel covered in this standard is used in operation theatres by the medical staff. This standard is based on JSS 7210-8, issued by the Ministry of Defence, Government of India.

0.3 For the purpose of deciding whether a particular requirement of this standard is complied with, the final value, observed or calculated, expressing the result of a test, shall be rounded off in accordance with IS : 2-1960*. The number of significant places retained in the rounded off value should be the same as that of the specified value in this standard.

1. SCOPE

1.1 This standard prescribes constructional details and other particulars of towel, operating.

2. MATERIAL

2.1 The towel shall be made from the following materials, conforming to the particulars quoted against each:

Components	*Materials*	*Particulars*
a) Body	*Dosuti*, 230 g/m^2	IS : 179-1977† or IS : 756-1955‡
b) Tape	Tape, 13 mm, *Dosuti*, 230 g/m^2	IS : 179-1977† IS : 756-1955‡
c) Sewings	Sewings cotton, 60s/6 (100 d tex × 6)	IS : 1720-1978§

*Rules for rounding off numerical values (*revised*).
†Cotton *dosuti* (*second revision*).
‡Handloom cotton *dosuti* grey, scoured, bleached or dyed.
§Cotton sewing threads (*second revision*).

3. MANUFACTURE

3.1 Body — The towel shall be made from a single piece of dosuti. The two raw ends of the dosuti shall be hemmed as shown in Fig. 1. The selvedges shall not be hemmed. A 270 mm long piece of tape, 13 mm wide (*see* **3.2**), made from *dosuti*, shall be sewn at the centre of one of the hemmed sides to form a loop of about 100 mm as shown in Fig. 1.

3.2 Tape — It shall be manufactured from two fold *dosuti*. Both the raw edges shall be turned 5 mm inside and stitched together with a single row of lock stitch by machine. The body and tape shall be of same material.

3.3 Sewings — The towel shall be assembled throughout with lock-stitch regulated at 35 to 40 stitches per diameter. All stitches shall be securely fastened off.

3.4 Colour — All the materials of towel may be opaline green or any other colour, as specified in contract or order.

4. REQUIREMENTS

4.1 The towel shall conform to the dimensions and other constructional particulars as shown in Fig. 1.

4.2 Sealed Sample — If, in order to illustrate or specify the indeterminable characteristics, such as workmanship, general appearance, lustre, feel and shade of the cloth, a sample has been agreed upon and sealed, the supply shall be in conformity with the sample in such respects.

4.2.1 The custody of the sealed sample shall be a matter of prior agreement between the buyer and the seller.

5. MARKING

5.1 Each towel, shall have a white cloth label of 50 × 40 mm securely sewn at one corner, on which the following shall be marked legibly with indelible ink (*see* IS : 394-1963*):

a) Manufacturer's name, initials or trade-mark, if any;

b) Year of manufacture;

c) Size; and

d) Any other information required by the buyer.

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*Specification for ink, cloth marking (*revised*).

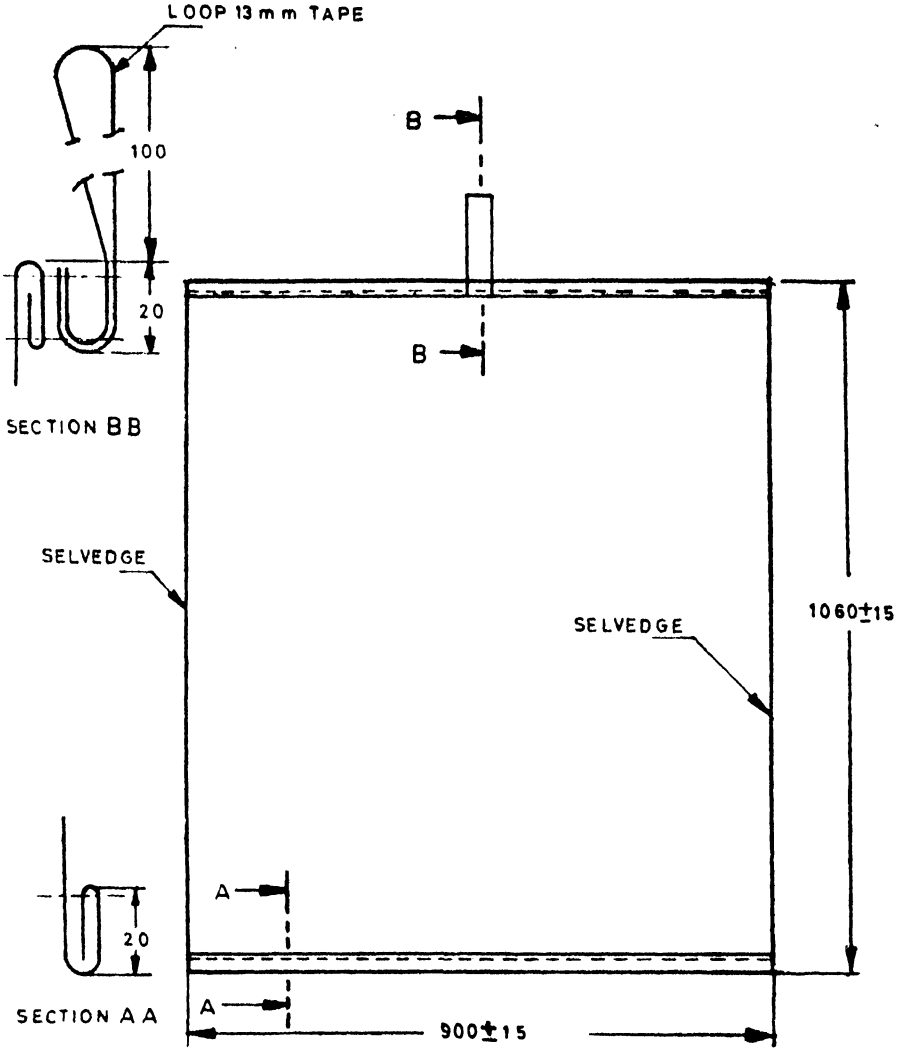

FIG. 1 TOWEL, OPERATING

5.1.1 The towels may also be marked with the ISI Certification Mark.

NOTE — The use of the ISI Certification Mark is governed by the provisions of the Indian Standards Institution (Certification Marks) Act and the Rules and Regulations made thereunder. The ISI Mark on products covered by an Indian Standard conveys the assurance that they have been produced to comply with the requirements of that standard under a well-defined system of inspection, testing and quality control which is devised and supervised by ISI and operated by the producer. ISI marked products are also continuously checked by ISI for conformity to that standard as a further safeguard. Details of conditions, under which a licence for the use of the ISI Certification Mark may be granted to manufacturers or processors, may be obtained from the Indian Standards Institution.

6. PACKING

6.1 The operating towels shall be packed as specified in the contract or order.

7. SAMPLING

7.1 Unless otherwise agreed to between the buyer and the seller, procedure given in IS : 2500 (Part 1)-1973* shall be followed for sampling inspection.

7.2 For dimensional and other constructional particulars, the single sampling plan with inspection level III and AQL 2·5 percent in Table 1 and 2 of IS : 2500 (Part 1)-1973* shall be followed.

*Sampling inspection tables: Part 1 Inspection by attributes and by count of defects.

INDIAN STANDARDS

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IS :

5595-1970 Postal bags

7609-1975 General requirements for tents

8857-1978 Canvas water bucket

8927 (Part 1)-1978 Haversacks : Part 1 for Railway personnel

8929-1978 Chagul

9886-1981 Mosquito nets

10321 (Parts I to III)-1982 50 kg tents

Part I General

Part II Outer fly

Part III Inner fly

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†Sales Office in Calcutta is at 5 Chowringhee Approach, P. O. Princep Street, Calcutta 700072 — 27 68 00

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